Philips Small LED TV series
LCD TV with Digital Crystal Clear

**19"**

HD Ready digital TV

**19PFL3405H**

# Ideal for any room

## With true to life LED picture performance

Whether movies, sports or games - experience great LED pictures with this HD Ready TV. With Philips quality and its sophisticated design this TV is the right choice for any room of your house

### A clear, vivid picture everytime

- Digital Crystal Clear for depth and clarity
- HD Ready for the highest quality display of HD signals
- Brilliant LED images with low power consumption
- 28.9 billion colors for brilliant natural images
- Dynamic contrast 150.000:1 for incredible rich black details

### Rich and clear sound.

- Incredible Surround for powerful sound

### Complete digital connectivity made simple

- Seamless connectivity with 1 HDMI input and Easylink
- Enjoy photo and music playback via USB
- PC-input allows you to use your TV as a PC monitor
- Integrated MPEG-4 tuner for HD reception without set top box

### Greener every day

- Energy efficiency through LED technology

NL/22/001

LED

PHILIPS

sense and simplicity

LCD TV with Digital Crystal Clear
19" HD Ready digital TV

19PFL3405H/12

# Highlights

## Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. The result is extremely clear pictures from any source.

## HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

## LED

LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalistic design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

## 28.9 billion colors

Vibrant and natural images from most advanced color processing. The 3 color channels (RGB) are optimized for a total processing power of 28.9 billion colors. The advanced algorithms detect subtle color shades , skin tones and processes these to give most natural colors.

## Incredible Surround

Feel the power of the music beat and the atmosphere of the movies. Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

## 1 HDMI inputs with Easylink

HDMI is a single cable to carry both picture and audio signals from your devices to your TV, saving you from cable clutter. It carries uncompressed signals, ensuring that you have the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system. Enjoy high quality picture and sound without clutter or fuss.

## USB for photo & music playback

The USB connector allows access to jpeg photos and mp3 music of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access your photos or music files using the easy on screen content browser. You can now easily view and share your photos and music.

## PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

## Integrated DVB tuner MPEG-4

The integrated digital tuner lets you receive terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

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## Eco Flower

Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and that Philips has designed televisions that can be easily recycled.

DIGITAL CRYSTALCLEAR · HD ready · 28.9 billion colours · Incredible Surround · HDMI x1 with easyLINK · USB · TV PC-IN · DVB T TERRESTRIAL · Dynamic Contrast 150000:1

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# Specifications

## Picture/Display
- Aspect ratio: Widescreen
- Brightness: 300 cd/m²
- Dynamic screen contrast: 150,000:1
- Response time (typical): 6 ms
- Viewing angle: 170° (H) / 160° (V)
- Diagonal screen size: 19 inch / 48 cm
- Display screen type: LCD WXGA+ Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Active Control, Color Enhancement, Color Transient Improvement, Digital Crystal Clear, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, Progressive scan, Sharpness Adjustment, Automatic skin tone correction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 640 x 480 | 60Hz |
| 800 x 600 | 60Hz |
| 1024 x 768 | 60Hz |
| 1280 x 720 | 60Hz |
| 1280 x 768 | 60Hz |
| 1280 x 1024 | 60Hz |
| 1360 x 768 | 60Hz |
| Via HDMI/DVI input | |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 480i | 60Hz |
| 480p | 60Hz |
| 576i | 50Hz |
| 576p | 50Hz |
| 720p | 50, 60Hz |
| 1080i | 50, 60Hz |
| 1080p | 24, 50, 60Hz |
| 1080p | 24, 25, 30, 50, 60Hz |

## Sound
- Output power (RMS): 2 x 3W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Smart Sound
- Sound System: Nicam Stereo

## Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer, Wake up Clock, Wake Up Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Graphical User Interface, On Screen Display, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8day Electronic Program Guide*
- Remote Control: TV
- Remote control type: RCPF01E09
- Screen Format Adjustments: 4:3, Auto Format, Super Zoom, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Widescreen
- Teletext: 1000 page Hypertext
- Teletext enhancements: Fast text, Program information Line
- Smart mode: Personal, Vivid, Natural, Cinema, Game, Energy saving, Standard, Movie

## Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, JPEG Still pictures

## Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, SECAM B/G, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

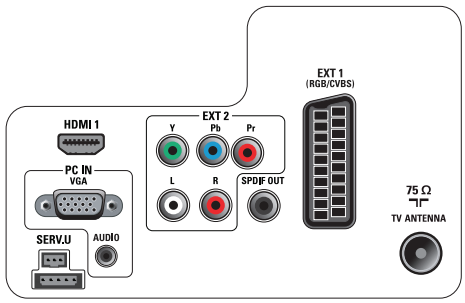
## Connectivity
- Ext 1 Scart: Audio L/R, RGB
- Number of Scarts: 1
- Ext 2: YPbPr in, Audio L/R in
- HDMI 1: HDMI v1.3
- Front / Side connections: CVBS in, Audio L/R in, Headphone out, USB 2.0
- Other connections: Composite video (CVBS) out, PC-in VGA + Audio L/R in, S/PDIF out (coaxial), Common Interface
- EasyLink (HDMI-CEC): One touch play, EasyLink, System audio control, System standby
- Audio Output - Digital: Coaxial (cinch)

## Power
- Ambient temperature: 5 °C to 40 °C
- Mains power: 220-240V, 50Hz
- Power consumption (typical): 30 W
- Standby power consumption: 0.3W

## Dimensions
- Set dimensions (W x H x D): 455 x 303 x 49.6 mm
- Set dimensions with stand (W x H x D): 455 x 329 x 138 mm
- Product weight: 3.16 kg
- Product weight (+stand): 3.32 kg
- Box dimensions (W x H x D): 585 x 409 x 130 mm
- Color cabinet: Whiskey tint deco front with high gloss black cabinet
- VESA wall mount compatible: 75 x 75 mm

## Accessories
- Included accessories: Table top stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration

## Rear connectors




## Side

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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscripction are required. Contact your operator for more information.